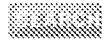



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We present mango, a low-cost and highly scalable content-delivery serv
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The domain of digital rights management (DRM) is currently lacking a g
interoperability and reuse of specific DRM technologies. This lack of arch
of the rapid evolution ...

Keywords: DRM, software architecture

- 3 [A survey of peer-to-peer content distribution technologies](#)
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authority. ...

Keywords: Content distribution, DHT, DOLR, grid computing, p2p, pee

4 [CDNsim: A simulation tool for content distribution networks](#)

 Konstantinos Stamos, George Pallis, Athena Vakali, Dimitrios Katsaros, Ant
April 2010 **Transactions on Modeling and Computer Simulation (TC**

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Content distribution networks (CDNs) have gained considerable attentio
developing frameworks for carrying out CDN simulations. In this article
framework for CDNs, called ...

Keywords: Content distribution network, caching, services, trace-drive

5 [Enhanced hot spot detection heuristics for embedded java just-in-tim](#)

 Seong-Won Lee, Soo-Mook Moon, Seong-Moo Kim

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Most Java just-in-time compilers (JITC) try to compile only hot methods
running time. This requires precise and efficient *hot spot detection*, whic
cold methods, ...

Keywords: hot spot detection, j2me cdc, java just-in-time compilation,

Also published in:

June 2008 **SIGPLAN Notices** Volume 43 Issue 7

6 [Pixie: a jukebox architecture to support efficient peer content exchan](#)

 Sami Rollins, Kevin C. Almeroth

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The dynamic nature of peer networks and the resource constraints of pe
technical challenges ...

7 [URICA: Usage-awaRe Interactive Content Adaptation for mobile dev](#)

 Iqbal Mohamed, Jim Chengming Cai, Eyal de Lara

April 2006 **EuroSys '06: Proceedings of the 1st ACM SIGOPS/EuroSys E**


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Usage-aware Interactive Content Adaptation (URICA) is an automatic to mobile devices based on usage semantics. URICA allows users who are decision to take control of the ...

Keywords: content adaptation, customization, learning, mobile devices


Also published in:

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9 [Replication for web hosting systems](#) [Swaminathan Sivasubramanian, Michal Szymaniak, Guillaume Pierre, Maar](#)September 2004 **Computing Surveys (CSUR)** , Volume 36 Issue 3**Publisher:** ACM  [Request Permissions](#)Full text available:  Pdf (374.99 KB)Additional Information: [full citation](#), [abs](#)**Bibliometrics:** Downloads (6 Weeks): 33, Downloads (12 Months): 282, Downl

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As mobile smart phones have evolved being converged devices, they ar of high quality content, such as images, music and video. The need of p

content, lead to the ...

Keywords: Symbian, content, middleware, mobile devices, sharing

11 [A social framework for content distribution in mobile transient network](#)



Benjamin Molina, Salvatore F. Pileggi, Carlos E. Palau, Manuel Esteve

June 2008

UPGRADE '08: Proceedings of the third international workshop on development of content networks

Publisher: ACM

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Transient networks are spontaneous networks that appear for a short period of time, such as connectivity and content distribution among a small community. They are multimodal by nature providing ...

Keywords: distributed and mobile transient network, intelligent agents, social network, web semantic

12 [Service Scheduling of Vehicle-Roadside Data Access](#)

Yang Zhang, Jing Zhao, Guohong Cao

February 2010 **Mobile Networks and Applications**, Volume 15 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: Pdf (515.08 KB)

Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 11, Downloads (12 Months): 11, Downloads

As vehicular networks become popular, more and more people want to use them. Vehicles want to access data through a roadside unit, service scheduling is required. This paper identifies some challenges ...

Keywords: data quality, roadside unit (RSU), scheduling, upload/download

13 [Insight and perspectives for content delivery networks](#)



George Pallis, Athena Vakali

January 2006 **Communications of the ACM**, Volume 49 Issue 1

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Full text available: Html (32.84 KB), Pdf (185.12 KB) Additional Information: [full citation](#), [abs](#)

Bibliometrics: Downloads (6 Weeks): 42, Downloads (12 Months): 289, Downloads

Striking a balance between the costs for Web content providers and the benefits for users is a challenging task. This paper discusses the challenges and presents some solutions ...

14 [Large scale content distribution protocols](#)



Christoph Neumann, Vincent Roca, Rod Walsh

October 2005 **SI GCOMM Computer Communication Review**, Volume 35 Issue 4

Publisher: ACM

Full text available: Pdf (207.06 KB)

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Bibliometrics: Downloads (6 Weeks): 9, Downloads (12 Months): 71, Downloads

This paper introduces large scale content distribution protocols, which a users and providing low delay end-to-end delivery. Delivery of files and content streaming ...

15 [Interactive television: new genres, new format, new content](#)

[Jens F. Jensen](#)

November 2005 **IE 2005**: Proceedings of the second Australasian conference

Publisher: Creativity & Cognition Studios Press

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The aim of this paper is to discuss some of the main issues associated v the context of interactive television (ITV). First, a set of new forms or c: the suite ...

Keywords: ITV advertising, Media Theory, T-commerce, art, design an television, electronic program guides, enhanced TV, games and betting, interactive, digital storytelling, internet at TV, networking (technical and personalized TV, the interactive viewer/user, video-on-demand

16 [Resource Management Strategies for the Mobile Web](#)

[Claudia Canali](#), [Michele Colajanni](#), [Riccardo Lancellotti](#)

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The success of the Mobile Web is driven by the combination of novel We mobile devices that require personalization, location-awareness and con Mobile Web workload ...


Keywords: Mobile Web, content adaptation, multimedia resources, per

17 [Peer assisted VoD for set-top box based IP network](#)

 [Vaishnav Janardhan](#), [Henning Schulzrinne](#)

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IP-enabled set-top boxes are becoming key devices in home entertainm signals, STBs have been providing pay-per view service for a long time. requirements at the source server ...

18 [The elements of nature: interactive and realistic techniques](#)

 [Oliver Deussen](#), [David S. Ebert](#), [Ron Fedkiw](#), [F. Kenton Musgrave](#), [Przemysław Tessendorf](#)

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This updated course on simulating natural phenomena will cover the latest in simulating most of the elements of nature. The presenters will provide research perspectives ...

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 [Jagadeesh M. Dyaberi, Karthik Kannan, Vijay S. Pai](#)

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This paper explores requirements for efficient pre-seeding of video-on-demand customer set-top boxes in a cable ISP environment. The pre-seeded content is stored in the same cable community ...

Keywords: bittorrent, experimental systems, multimedia streaming, network demand

20 [Drafting behind Akamai \(travelocity-based detouring\)](#)

 [Ao-Jan Su, David R. Choffnes, Aleksandar Kuzmanovic, Fabián E. Bustamante](#)

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To enhance web browsing experiences, content distribution networks (CDNs) cache copies of web objects on thousands of servers worldwide. Additive systems perform extensive ...

Keywords: Akamai, CDN, DNS, edge server, measurement reuse, one-hop

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